

# Specifications



## Eaton 170M8609

Fuse-link, high speed, 900 A, AC 1000 V, size 3, 74 x 92 x 76 mm, aR, IEC, UL, single indicator

### General specifications

PRODUCT NAME	Eaton Bussmann series high speed square body fuse
CATALOG NUMBER	170M8609
MODEL CODE	FUSE 900A 1000V 3BKN/75 AR UR
UPC	051712604123
EAN	5027590465601
PRODUCT LENGTH/DEPTH	168 mm
PRODUCT HEIGHT	76 mm
PRODUCT WIDTH	95 mm
PRODUCT WEIGHT	705.5 g
WARRANTY	Not Applicable
COMPLIANCES	CE Marked RoHS Compliant
CERTIFICATIONS	IEC Rated UL Recognized
GLOBAL CATALOG	170M8609



Powering Business Worldwide

## Product specifications

<b>AMPERAGE RATING</b>	900 A
<b>BREAKING CAPACITY</b>	125 kA
<b>FUSE INDICATOR</b>	Centre fuse status indicator
<b>INSULATED METAL GRIPPING LUGS (IMGL)</b>	No
<b>UTILIZATION CATEGORY</b>	aR (accompanied semiconductor protection)
<b>VOLTAGE TYPE</b>	AC
<b>FUSE SIZE</b>	3
<b>RATED VOLTAGE AC</b>	1000 V
<b>CENTER-TO-CENTER DISTANCE OF CONNECTIONS</b>	75.4 mm
<b>CURRENT TYPE</b>	AC
<b>MOUNTING DIMENSION</b>	M12
<b>CLASS</b>	Class aR
<b>CLEARING (I2T)</b>	150000 at 1000 V
<b>WATT LOSSES</b>	145 W
<b>FUSE SHAPE</b>	Square body, flush end contacts
<b>PRE ARC (I2T)</b>	250000
<b>COLOR</b>	None
<b>INTERRUPT RATING</b>	125 kAIC
<b>FITTED WITH:</b>	Type K Indicator for micro
<b>CONSTRUCTION SIZE</b>	3
<b>MOUNTING METHOD</b>	Flush
<b>PACKAGING TYPE</b>	Standard
<b>VOLTAGE RATING</b>	1000 V (IEC)
<b>TYPE</b>	Fuse
<b>APPLICATION</b>	Semiconductor, DC Common bus, DC drives, power converters/rectifiers
<b>FUSE TYPE</b>	Flush end BKN/Type K Indicator for Micro
<b>FUSE SYSTEM (ACCORDING TO IEC 60269)</b>	IEC 60269-4 flush end connections type A

## Resources

	<a href="#">eaton-bussmann-series-iec-high-speed-fuses-catalogue-ca135001en-en-gb.pdf</a>
CATALOGS	<a href="#">Bussmann series complete full line catalog no. 1007</a>  <a href="#">170M8609~Eaton Bussmann series high speed square body fuse</a>
DECLARATIONS OF CONFORMITY	<a href="#">eaton-high-speed-square-body-fuse-declaration-of-conformity-uk250908en.pdf</a>  <a href="#">eaton-high-speed-square-body-fuse-declaration-of-conformity-eu250030en.pdf</a>
MANUALS AND USER GUIDES	<a href="#">High speed fuses application guide</a>
MCAD MODEL	<a href="#">eaton-hs-square-body-fuses-mcad-3d-models-u1156.stp</a>
PRODUCT NOTIFICATIONS	<a href="#">eaton-bussmann-series-ukca-marking-high-speed-fuses-pcn-bur-00167-en-gb.pdf</a>  <a href="#">eaton-bussmann-series-170m-fuses-product-change-notice-pcn-bur-00193-en-us.pdf</a>

PROJECT NAME:
PROJECT NUMBER:
PREPARED BY:
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